WHAT IS CLAIMED IS:

1. A data communication apparatus comprising:

a memory for storing plural data;

transmission means for transmitting the plural

5   data stored in said memory;

display means for displaying situations of the

plural data stored in said memory; and

control means for performing, in case of

displaying the situations on said display means,

10   control to change order of display of the data being

transmitted by said transmission means.

2. An apparatus according to Claim 1, wherein

said display means displays the situations of the data

15   not being transmitted by said transmission means, in

order of storing these data in said memory.

3. An apparatus according to Claim 1, wherein

said control means performs control to shift upward the

20   data being transmitted by said transmission means and

cause said display means to display the shifted data.

4. An apparatus according to Claim 1, wherein

said control means performs control to shift downward

25   the data being transmitted by said transmission means

and cause said display means to display the shifted

data.

5. An apparatus according to Claim 1, wherein said display means displays the situations incapable of being displayed at one time, by scrolling a screen.

6. An apparatus according to Claim 5, wherein said control means automatically scrolls the screen such that the data being transmitted by said transmission means are displayed in a display area of said display means.

7. An apparatus according to Claim 1, wherein said transmission means simultaneously transmits the plural data through plural lines, and said control means changes, in the situations of the plural data being transmitted by said transmission means, the order of display while enabling discrimination of the used lines respectively.

8. An apparatus according to Claim 1, wherein said transmission means can perform batch transmission of the plural different data, and said control means causes to discriminate the data being transmitted by said transmission means from the other data subjected to the batch transmission, and display these data.

9. An apparatus according to Claim 1, wherein

said transmission means can transmit the data by
plural protocols, and

said control means causes to display the
situations such that it is possible to discriminate by

5   which protocol the data is transmitted with said
transmission means.

10.   An apparatus according to Claim 9, wherein
said control means causes to display the situations in

10   a state that the plural protocols mixedly exist.

11.   An apparatus according to Claim 9, further
comprising designation means for designating a desired
protocol, and

15   wherein said control means causes to display the
situation of the protocol designated by said
designation means.

12.   An apparatus according to Claim 9, wherein

20   said control means causes to preferentially display the
situation of the protocol of the data being transmitted
by said transmission means.

13.   An apparatus according to Claim 9, further

25   comprising setting means for setting the protocol to be
preferentially displayed, and

wherein said control means causes to

preferentially display the situation of the protocol set by said setting means.

14. A data communication method comprising:

5   a display step of causing a display apparatus to display situations of plural data stored in a memory, so as to cause a data communication apparatus to transmit these data;

a judgment step of judging whether or not, in the

10   plural data stored in the memory, the data being transmitted by the data communication apparatus exists; and

a change step of changing order of display of the data judged in said judgment step to be being

15   transmitted by the data communication apparatus.

15. A method according to Claim 14, wherein said display step displays the situations of the data not being transmitted by the data communication apparatus,

20   in order of storing these data in the memory.

16. A method according to Claim 14, wherein said change step performs control to shift upward the data being transmitted by the data communication apparatus

25   and cause to display the shifted data.

17. A method according to Claim 14, wherein said

change step performs control to shift downward the data
being transmitted by the data communication apparatus
and cause to display the shifted data.

5   18.   A method according to Claim 14, wherein said
display step displays the situations incapable of being
displayed at one time, by scrolling a screen.

       19.   A method according to Claim 18, wherein said
10   change step automatically scrolls the screen such that
the data being transmitted by the data communication
apparatus are displayed in a display area of the
display apparatus.

15   20.   A method according to Claim 14, wherein
       the data communication apparatus simultaneously
transmits the plural data through plural lines, and
       said change step changes, in the situations of the
plural data being transmitted by the data communication
20   apparatus, the order of display while enabling
discrimination of the used lines respectively.

       21.   A method according to Claim 14, wherein
       the data communication apparatus can perform batch
25   transmission of the plural different data, and
       said change step causes to discriminate the data
being transmitted by the data communication apparatus

from the other data subjected to the batch

transmission, and display these data.

22. A method according to Claim 14, wherein

the data communication apparatus can transmit the

data by plural protocols, and

said change step causes to display the situations

such that it is possible to discriminate by which

protocol the data is transmitted with the data

communication apparatus.

23. A method according to Claim 22, wherein said

change step causes to display the situations in a state

that the plural protocols mixedly exist.

24. A method according to Claim 22, further

comprising a designation step of designating a desired

protocol, and

wherein said change step causes to display the

situation of the protocol designated in said

designation step.

25. A method according to Claim 22, wherein said

change step causes to preferentially display the

situation of the protocol of the data being transmitted

by the data communication apparatus.

26. A method according to Claim 22, further comprising a setting step of setting the protocol to be preferentially displayed, and

wherein said change step causes to preferentially

5   display the situation of the protocol set in said

setting step.

27. A program which is stored in a computer-readable memory and can be executed by a computer,

10   comprising:

a display step of causing a display apparatus to display situations of plural data stored in a memory, so as to cause a data communication apparatus to transmit these data;

15   a judgment step of judging whether or not, in the plural data stored in the memory, the data being transmitted by the data communication apparatus exists; and

a change step of changing order of display of the

20   data judged in said judgment step to be being transmitted by the data communication apparatus.